

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| S1    | 15   | "2128043"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/25<br>09:18 |
| S2    | 541  | tobacco and (subcritical or supercritical)               | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/23<br>14:58 |
| S3    | 0    | tobacco and (subcritical or supercritical) and alkoloids | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/23<br>14:59 |
| S4    | 1    | tobacco and (subcritical or supercritical) and alkloid   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/23<br>16:26 |
| S5    | 4    | tobacco and alkloid                                      | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/23<br>15:13 |
| S6    | 235  | tobacco and pah  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/23<br>15:15 |
| S7    | 59   | tobacco and pah and "131". clas.                         | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/23<br>15:21 |
| S8    | 11   | tobacco and pah and "131". clas. and critical            | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/23<br>15:34 |

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| S9  | 928   | tobacco and "131".clas. and critical  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/04/23 15:34 |
| S10 | 482   | tobacco and "131".clas. and critical and temperature and pressure   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/04/23 15:38 |
| S11 | 46    | "4153063"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/04/23 15:44 |
| S12 | 7     | "4416785"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/04/23 15:46 |
| S13 | 5     | "5119835"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/04/23 15:46 |
| S14 | 15    | ("4333483").URPN.   | USPAT  | OR | OFF | 2007/04/23 16:22 |
| S15 | 4     | tobacco and alkloid   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/04/23 16:26 |
| S16 | 11574 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/23 16:30 |

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| S17 | 0   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/23 16:30 |
| S18 | 361 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/23 16:31 |
| S19 | 247 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/23 16:32 |
| S20 | 0   | 65/dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/24 09:19 |
| S21 | 0   | 65/Dig4.cols.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/24 09:19 |
| S22 | 0   | 65/dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/24 09:19 |

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| S23 | 0   | 65/Dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:19 |
| S24 | 0   | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:20 |
| S25 | 0   | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:20 |
| S26 | 0   | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:20 |
| S27 | 0   | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:21 |
| S28 | 0   | 131/dig1         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:35 |
| S29 | 137 | 131/291.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:35 |
| S30 | 137 | 131/296.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:36 |
| S31 | 140 | 131/298.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:36 |

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| S32 | 29  | 131/900.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>09:45 |
| S33 | 106 | 162/dig.2.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>14:44 |
| S34 | 0   | "10741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>14:45 |
| S35 | 1   | "10/741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24<br>14:45 |
| S36 | 2   | "08040729"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/25<br>09:18 |
| S37 | 15  | "2128043"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S38 | 4   | tobacco and alkloid                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10<br>07:43 |
| S39 | 1   | tobacco and (subcritical or supercritical) and alkloid  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10<br>07:43 |
| S40 | 0   | tobacco and (subcritical or supercritical) and alkloids | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |

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| S41 | 62  | tobacco and pah and "131".clas.                                   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/10 07:43 |
| S42 | 245 | tobacco and pah   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/10 07:43 |
| S43 | 12  | tobacco and pah and "131".clas. and critical                      | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/10 07:43 |
| S44 | 568 | tobacco and (subcritical or supercritical)                        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/10 07:43 |
| S45 | 938 | tobacco and "131".clas. and critical                              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/10 07:43 |
| S46 | 488 | tobacco and "131".clas. and critical and temperature and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/10 07:43 |
| S47 | 48  | "4153063"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/10 07:43 |
| S48 | 6   | "5119835"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/10 07:43 |
| S49 | 7   | "4416785"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/10 07:43 |

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| S50 | 15    | ("4333483").URPN.   | USPAT   | OR | OFF | 2007/10/10<br>07:43 |
| S51 | 12425 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S52 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S53 | 4     | tobacco and alkloid   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10<br>07:43 |
| S54 | 368   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S55 | 253   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |

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| S56 | 138 | 131/296.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S57 | 0   | 65/dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S58 | 141 | 131/298.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S59 | 137 | 131/291.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S60 | 106 | 162/dig.2.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S61 | 29  | 131/900.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S62 | 0   | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S63 | 0   | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S64 | 0   | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |

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| S65 | 0     | 65/Dig4.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S66 | 0     | 65/dig4.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S67 | 0     | 131/dig1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S68 | 0     | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S69 | 0     | 65/Dig4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S70 | 2     | "10/741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S71 | 1     | "10741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S72 | 2     | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/10<br>07:43 |
| S73 | 12019 | (tobacco) and (ethane or propane or butane or hydrocarbon) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/18<br>09:29 |

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| S74 | 8328 | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature)                        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/18 09:35 |
| S75 | 471  | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature) and "131"/\$8.ccls.    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/18 09:35 |
| S76 | 9    | (tobacco) and ((ethane or propane or butane or hydrocarbon) near (pressure and temperature)) and "131"/\$8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/18 09:36 |
| S77 | 91   | (tobacco) and ((ethane or propane or butane or hydrocarbon) same (pressure and temperature)) and "131"/\$8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/18 09:58 |
| S78 | 22   | "6371127"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/18 15:03 |
| S79 | 1    | "1998016125"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/18 15:05 |
| S80 | 1    | "1998016125"   | DERWENT  | OR | OFF | 2009/09/18 15:10 |
| S81 | 1    | "6,286,516"  | DERWENT  | OR | OFF | 2009/09/18 16:24 |
| S82 | 61   | "4506682"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 12:24 |
| S83 | 19   | "2128043"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |

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| S84 | 824 | tobacco and (subcritical or supercritical)                        | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S85 | 0   | tobacco and (subcritical or supercritical) and alkoloids          | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S86 | 1   | tobacco and (subcritical or supercritical) and alkoloid           | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S87 | 5   | tobacco and alkoloid  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S88 | 342 | tobacco and pah   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S89 | 71  | tobacco and pah and "131". clas.                                  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S90 | 12  | tobacco and pah and "131". clas. and critical                     | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S91 | 975 | tobacco and "131".clas. and critical                              | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S92 | 500 | tobacco and "131".clas. and critical and temperature and pressure | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |

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| S93 | 46    | "4153063"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S94 | 7     | "4416785"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S95 | 6     | "5119835"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S96 | 15    | ("4333483").URPN.  | USPAT   | OR | OFF | 2010/02/15<br>13:02 |
| S97 | 5     | tobacco and alkloid  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S98 | 17112 | (anthracene or anthanthrene or<br>(benzo adj pyrene) or coronene<br>or fluoranthene or fluorene or<br>naphthalene or phenanthrene<br>or pyrene or perylene or<br>nitrosodimethylamine or<br>nitrosodiethylamine or<br>nitrosopyrrolidine or<br>nitrosodiethanolamine or<br>nitrosonornicotine or nnn or<br>nnk or nat or nab) and tobacco                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S99 | 0     | (anthracene or anthanthrene or<br>(benzo adj pyrene) or coronene<br>or fluoranthene or fluorene or<br>naphthalene or phenanthrene<br>or pyrene or perylene or<br>nitrosodimethylamine or<br>nitrosodiethylamine or<br>nitrosopyrrolidine or<br>nitrosodiethanolamine or<br>nitrosonornicotine or nnn or<br>nnk or nat or nab) and tobacco<br>and 131/clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |

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| S100 | 407 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S101 | 284 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S102 | 0   | 65/dig4.ccls.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S103 | 0   | 65/Dig4.ccls.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S104 | 0   | 65/dig4   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S105 | 0   | 65/Dig4   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S106 | 0   | 131/dig904.ccls.  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |

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| S107 | 0   | 131/dig904      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S108 | 0   | 131/DIG1.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S109 | 0   | 131/dig1.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S110 | 0   | 131/dig1        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S111 | 138 | 131/291.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S112 | 141 | 131/296.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S113 | 146 | 131/298.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S114 | 29  | 131/900.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S115 | 106 | 162/dig.2.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |

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| S116 | 1   | "10741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S117 | 2   | "10/741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S118 | 3   | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S119 | 19  | "2128043"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S120 | 5   | tobacco and alkoloid                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S121 | 1   | tobacco and (subcritical or supercritical) and alkoloid  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S122 | 0   | tobacco and (subcritical or supercritical) and alkoloids | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S123 | 71  | tobacco and pah and "131". clas.                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |
| S124 | 342 | tobacco and pah  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/15<br>13:02 |

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| S125 | 12    | tobacco and pah and "131". clas. and critical   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/02/15 13:02 |
| S126 | 824   | tobacco and (subcritical or supercritical)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S127 | 975   | tobacco and "131".clas. and critical  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/02/15 13:02 |
| S128 | 500   | tobacco and "131".clas. and critical and temperature and pressure   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/02/15 13:02 |
| S129 | 46    | "4153063"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/02/15 13:02 |
| S130 | 6     | "5119835"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/02/15 13:02 |
| S131 | 7     | "4416785"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/02/15 13:02 |
| S132 | 15    | ("4333483").URPN.   | USPAT  | OR | OFF | 2010/02/15 13:02 |
| S133 | 17112 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |

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| S134 | 0   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S135 | 5   | tobacco and alkoloid  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/02/15 13:02 |
| S136 | 407 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S137 | 284 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S138 | 141 | 131/296.ccls.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S139 | 0   | 65/dig4   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |

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| S140 | 146 | 131/298.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S141 | 138 | 131/291.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S142 | 106 | 162/dig.2.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S143 | 29  | 131/900.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S144 | 0   | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S145 | 0   | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S146 | 0   | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S147 | 0   | 65/Dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S148 | 0   | 65/dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |

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| S149 | 0     | 131/dig1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S150 | 0     | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S151 | 0     | 65/Dig4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S152 | 2     | "10/741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S153 | 1     | "10741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S154 | 3     | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S155 | 12482 | (tobacco) and (ethane or propane or butane or hydrocarbon)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S156 | 8679  | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature)                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |
| S157 | 473   | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature) and "131"/\$8. ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/15<br>13:02 |

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| S158 | 9  | (tobacco) and ((ethane or propane or butane or hydrocarbon) near (pressure and temperature)) and "131"/ \$8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S159 | 92 | (tobacco) and ((ethane or propane or butane or hydrocarbon) same (pressure and temperature)) and "131"/ \$8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S160 | 24 | "6371127"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S161 | 1  | "1998016125"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S162 | 1  | "1998016125"  | DERWENT  | OR | OFF | 2010/02/15 13:02 |
| S163 | 1  | "6,286,516"   | DERWENT  | OR | OFF | 2010/02/15 13:02 |
| S164 | 61 | "4506682"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/15 13:02 |
| S169 | 17 | "4727889"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 07:54 |
| S170 | 47 | "4153063"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 08:14 |
| S171 | 7  | "5119835"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 08:56 |

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| S172 | 7   | "4898188"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>08:59 |
| S173 | 36  | "908185"   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>08:59 |
| S174 | 2   | "0908185"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>08:59 |
| S175 | 62  | "4506682"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:00 |
| S176 | 19  | "2128043"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S177 | 869 | tobacco and (subcritical or supercritical)               | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S178 | 0   | tobacco and (subcritical or supercritical) and alkoloids | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S179 | 1   | tobacco and (subcritical or supercritical) and alkloid   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S180 | 5   | tobacco and alkloid                                      | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |

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| S181 | 355 | tobacco and pah   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S182 | 72  | tobacco and pah and "131".clas.                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S183 | 13  | tobacco and pah and "131".clas. and critical                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S184 | 986 | tobacco and "131".clas. and critical                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S185 | 504 | tobacco and "131".clas. and critical and temperature and pressure | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S186 | 47  | "4153063"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S187 | 8   | "4416785"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S188 | 7   | "5119835"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S189 | 15  | ("4333483").URPN.   | USPAT   | OR | OFF | 2010/06/17<br>12:19 |

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| S190 | 5     | tobacco and alkloid   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S191 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S192 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S193 | 416   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S194 | 289   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S195 | 0 | 65/dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S196 | 0 | 65/Dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S197 | 0 | 65/dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S198 | 0 | 65/Dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S199 | 0 | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S200 | 0 | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S201 | 0 | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S202 | 0 | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S203 | 0 | 131/dig1         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S204 | 138 | 131/291.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S205 | 142 | 131/296.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S206 | 147 | 131/298.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S207 | 29  | 131/900.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S208 | 106 | 162/dig.2.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S209 | 1   | "10741374"      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S210 | 2   | "10/741374"     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S211 | 3   | "08040729"      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S212 | 19  | "2128043"       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S213 | 5   | tobacco and alkloid   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S214 | 1   | tobacco and (subcritical or supercritical) and alkloid            | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S215 | 0   | tobacco and (subcritical or supercritical) and alkloids           | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S216 | 72  | tobacco and pah and "131". clas.                                  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S217 | 355 | tobacco and pah   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S218 | 13  | tobacco and pah and "131". clas. and critical                     | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S219 | 869 | tobacco and (subcritical or supercritical)                        | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S220 | 986 | tobacco and "131".clas. and critical                              | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S221 | 504 | tobacco and "131".clas. and critical and temperature and pressure | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |

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| S222 | 47    | "4153063"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S223 | 7     | "5119835"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S224 | 8     | "4416785"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S225 | 15    | ("4333483").URPN.   | USPAT   | OR | OFF | 2010/06/17<br>12:19 |
| S226 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S227 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S228 | 5     | tobacco and alkoloid  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |

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| S229 | 416 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S230 | 289 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S231 | 142 | 131/296.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S232 | 0   | 65/dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S233 | 147 | 131/298.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S234 | 138 | 131/291.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S235 | 106 | 162/dig.2.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S236 | 29 | 131/900.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S237 | 0  | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S238 | 0  | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S239 | 0  | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S240 | 0  | 65/Dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S241 | 0  | 65/dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S242 | 0  | 131/dig1         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S243 | 0  | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S244 | 0  | 65/Dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S245 | 2     | "10/741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S246 | 1     | "10741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S247 | 3     | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S248 | 12886 | (tobacco) and (ethane or propane or butane or hydrocarbon)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S249 | 8962  | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature)                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S250 | 481   | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature) and "131"/\$8.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S251 | 9     | (tobacco) and ((ethane or propane or butane or hydrocarbon) near (pressure and temperature)) and "131"/\$8.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S252 | 92    | (tobacco) and ((ethane or propane or butane or hydrocarbon) same (pressure and temperature)) and "131"/\$8.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S253 | 27    | "6371127"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S254 | 1   | "1998016125"   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S255 | 1   | "1998016125"   | DERWENT   | OR | OFF | 2010/06/17<br>12:19 |
| S256 | 1   | "6,286,516"  | DERWENT   | OR | OFF | 2010/06/17<br>12:19 |
| S257 | 62  | "4506682"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S258 | 19  | "2128043"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S259 | 869 | tobacco and (subcritical or supercritical)               | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S260 | 0   | tobacco and (subcritical or supercritical) and alkoloids | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S261 | 1   | tobacco and (subcritical or supercritical) and alkoloid  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S262 | 5   | tobacco and alkoloid                                     | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S263 | 355 | tobacco and pah  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |

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| S264 | 72  | tobacco and pah and "131". clas.                                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S265 | 13  | tobacco and pah and "131". clas. and critical                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S266 | 986 | tobacco and "131".clas. and critical                              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S267 | 504 | tobacco and "131".clas. and critical and temperature and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S268 | 47  | "4153063"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S269 | 8   | "4416785"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S270 | 7   | "5119835"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S271 | 15  | ("4333483").URPN.   | USPAT  | OR | OFF | 2010/06/17 12:19 |
| S272 | 5   | tobacco and alkoloid  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |

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| S273 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S274 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S275 | 416   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S276 | 289   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S277 | 0     | 65/dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S278 | 0   | 65/Dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S279 | 0   | 65/dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S280 | 0   | 65/Dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S281 | 0   | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S282 | 0   | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S283 | 0   | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S284 | 0   | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S285 | 0   | 131/dig1         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S286 | 138 | 131/291.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S287 | 142 | 131/296.ccls.        | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S288 | 147 | 131/298.ccls.        | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S289 | 29  | 131/900.ccls.        | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S290 | 106 | 162/dig.2.ccls.      | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S291 | 1   | "10741374"           | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S292 | 2   | "10/741374"          | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S293 | 3   | "08040729"           | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S294 | 19  | "2128043"            | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S295 | 5   | tobacco and alkoloid | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |

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| S296 | 1   | tobacco and (subcritical or supercritical) and alkoloid           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S297 | 0   | tobacco and (subcritical or supercritical) and alkoloids          | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |
| S298 | 72  | tobacco and pah and "131". clas.                                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S299 | 355 | tobacco and pah   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S300 | 13  | tobacco and pah and "131". clas. and critical                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S301 | 869 | tobacco and (subcritical or supercritical)                        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |
| S302 | 986 | tobacco and "131".clas. and critical                              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S303 | 504 | tobacco and "131".clas. and critical and temperature and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |
| S304 | 47  | "4153063"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 12:19 |

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| S305 | 7     | "5119835"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S306 | 8     | "4416785"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S307 | 15    | ("4333483").URPN.   | USPAT   | OR | OFF | 2010/06/17<br>12:19 |
| S308 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S309 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S310 | 5     | tobacco and alkloid   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>12:19 |
| S311 | 416   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S312 | 289 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |
| S313 | 142 | 131/296.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |
| S314 | 0   | 65/dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |
| S315 | 147 | 131/298.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |
| S316 | 138 | 131/291.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |
| S317 | 106 | 162/dig.2.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |
| S318 | 29  | 131/900.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |
| S319 | 0   | 131/dig904  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 12:19 |

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| S320 | 0 | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S321 | 0 | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S322 | 0 | 65/Dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S323 | 0 | 65/dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S324 | 0 | 131/dig1         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S325 | 0 | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S326 | 0 | 65/Dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S327 | 2 | "10/741374"      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S328 | 1 | "10741374"       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |

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| S329 | 3     | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S330 | 12886 | (tobacco) and (ethane or propane or butane or hydrocarbon)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S331 | 8962  | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature)                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S332 | 481   | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature) and "131"/\$8. ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S333 | 9     | (tobacco) and ((ethane or propane or butane or hydrocarbon) near (pressure and temperature)) and "131"/\$8.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S334 | 92    | (tobacco) and ((ethane or propane or butane or hydrocarbon) same (pressure and temperature)) and "131"/\$8.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S335 | 27    | "6371127"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S336 | 1     | "1998016125"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S337 | 1     | "1998016125"   | DERWENT   | OR | OFF | 2010/06/17<br>12:19 |
| S338 | 1     | "6,286,516"  | DERWENT   | OR | OFF | 2010/06/17<br>12:19 |

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| S339 | 62 | "4506682" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S340 | 17 | "4727889" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S341 | 47 | "4153063" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S342 | 7  | "5119835" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S343 | 7  | "4898188" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S344 | 36 | "908185"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S345 | 2  | "0908185" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S346 | 62 | "4506682" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>12:19 |
| S351 | 19 | "2128043" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S352 | 869 | tobacco and (subcritical or supercritical)                        | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S353 | 0   | tobacco and (subcritical or supercritical) and alkoloids          | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S354 | 1   | tobacco and (subcritical or supercritical) and alkoloid           | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S355 | 5   | tobacco and alkoloid  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S356 | 355 | tobacco and pah   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S357 | 72  | tobacco and pah and "131". clas.                                  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S358 | 13  | tobacco and pah and "131". clas. and critical                     | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S359 | 986 | tobacco and "131".clas. and critical                              | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S360 | 504 | tobacco and "131".clas. and critical and temperature and pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |

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| S361 | 47    | "4153063"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S362 | 8     | "4416785"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S363 | 7     | "5119835"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S364 | 15    | ("4333483").URPN.   | USPAT   | OR | OFF | 2010/06/17<br>13:19 |
| S365 | 5     | tobacco and alkloid   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S366 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S367 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S368 | 416 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S369 | 289 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S370 | 0   | 65/dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S371 | 0   | 65/Dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S372 | 0   | 65/dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S373 | 0   | 65/Dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S374 | 0   | 131/dig904.ccls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S375 | 0   | 131/dig904      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S376 | 0   | 131/DIG1.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S377 | 0   | 131/dig1.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S378 | 0   | 131/dig1        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S379 | 138 | 131/291.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S380 | 142 | 131/296.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S381 | 147 | 131/298.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S382 | 29  | 131/900.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S383 | 106 | 162/dig.2.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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|------|-----|--|---|----|-----|---------------------|
| S384 | 1   | "10741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S385 | 2   | "10/741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S386 | 3   | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S387 | 19  | "2128043"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S388 | 5   | tobacco and alkoloid                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S389 | 1   | tobacco and (subcritical or supercritical) and alkoloid  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S390 | 0   | tobacco and (subcritical or supercritical) and alkoloids | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S391 | 72  | tobacco and pah and "131". clas.                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S392 | 355 | tobacco and pah  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |

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| S393 | 13    | tobacco and pah and "131". clas. and critical   | US_PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S394 | 869   | tobacco and (subcritical or supercritical)  | US_PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S395 | 986   | tobacco and "131".clas. and critical  | US_PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S396 | 504   | tobacco and "131".clas. and critical and temperature and pressure   | US_PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S397 | 47    | "4153063"   | US_PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S398 | 7     | "5119835"   | US_PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S399 | 8     | "4416785"   | US_PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S400 | 15    | ("4333483").URPN.   | USPAT   | OR | OFF | 2010/06/17 13:19 |
| S401 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco | US_PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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| S402 | 0   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S403 | 5   | tobacco and alkoloid  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S404 | 416 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S405 | 289 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S406 | 142 | 131/296.ccls.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S407 | 0   | 65/dig4   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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| S408 | 147 | 131/298.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S409 | 138 | 131/291.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S410 | 106 | 162/dig.2.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S411 | 29  | 131/900.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S412 | 0   | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S413 | 0   | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S414 | 0   | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S415 | 0   | 65/Dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S416 | 0   | 65/dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S417 | 0     | 131/dig1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S418 | 0     | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S419 | 0     | 65/Dig4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S420 | 2     | "10/741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S421 | 1     | "10741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S422 | 3     | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S423 | 12886 | (tobacco) and (ethane or propane or butane or hydrocarbon)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S424 | 8962  | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature)                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S425 | 481   | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature) and "131"/\$8. ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S426 | 9   | ((tobacco) and ((ethane or propane or butane or hydrocarbon) near (pressure and temperature)) and "131"/ \$8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S427 | 92  | ((tobacco) and ((ethane or propane or butane or hydrocarbon) same (pressure and temperature)) and "131"/ \$8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S428 | 27  | "6371127"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S429 | 1   | "1998016125"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S430 | 1   | "1998016125"   | DERWENT  | OR | OFF | 2010/06/17 13:19 |
| S431 | 1   | "6,286,516"  | DERWENT  | OR | OFF | 2010/06/17 13:19 |
| S432 | 62  | "4506682"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S433 | 19  | "2128043"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S434 | 869 | tobacco and (subcritical or supercritical)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S435 | 0   | tobacco and (subcritical or supercritical) and alkoloids   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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| S436 | 1   | tobacco and (subcritical or supercritical) and alkoloid           | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/17 13:19 |
| S437 | 5   | tobacco and alkoloid  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/17 13:19 |
| S438 | 355 | tobacco and pah   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/17 13:19 |
| S439 | 72  | tobacco and pah and "131". clas.                                  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/17 13:19 |
| S440 | 13  | tobacco and pah and "131". clas. and critical                     | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/17 13:19 |
| S441 | 986 | tobacco and "131".clas. and critical                              | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/17 13:19 |
| S442 | 504 | tobacco and "131".clas. and critical and temperature and pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/17 13:19 |
| S443 | 47  | "4153063"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/17 13:19 |
| S444 | 8   | "4416785"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/17 13:19 |

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| S445 | 7     | "5119835"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S446 | 15    | ("4333483").URPN.   | USPAT   | OR | OFF | 2010/06/17<br>13:19 |
| S447 | 5     | tobacco and alkoloid  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S448 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S449 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S450 | 416   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S451 | 289 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S452 | 0   | 65/dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S453 | 0   | 65/Dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S454 | 0   | 65/dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S455 | 0   | 65/Dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S456 | 0   | 131/dig904.ccls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S457 | 0   | 131/dig904  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S458 | 0   | 131/DIG1.ccls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S459 | 0   | 131/dig1.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S460 | 0   | 131/dig1        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S461 | 138 | 131/291.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S462 | 142 | 131/296.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S463 | 147 | 131/298.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S464 | 29  | 131/900.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S465 | 106 | 162/dig.2.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S466 | 1   | "10741374"      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S467 | 2   | "10/741374"     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S468 | 3   | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S469 | 19  | "2128043"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S470 | 5   | tobacco and alkoloid                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S471 | 1   | tobacco and (subcritical or supercritical) and alkoloid  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S472 | 0   | tobacco and (subcritical or supercritical) and alkoloids | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S473 | 72  | tobacco and pah and "131". clas.                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S474 | 355 | tobacco and pah  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S475 | 13  | tobacco and pah and "131". clas. and critical            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S476 | 869 | tobacco and (subcritical or supercritical)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S477 | 986   | tobacco and "131".clas. and critical  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S478 | 504   | tobacco and "131".clas. and critical and temperature and pressure   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S479 | 47    | "4153063"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S480 | 7     | "5119835"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S481 | 8     | "4416785"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S482 | 15    | ("4333483").URPN.   | USPAT  | OR | OFF | 2010/06/17 13:19 |
| S483 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S484 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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| S485 | 5   | tobacco and alkloid   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S486 | 416 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S487 | 289 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S488 | 142 | 131/296.ccls.   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S489 | 0   | 65/dig4   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S490 | 147 | 131/298.ccls.   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S491 | 138 | 131/291.ccls.   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S492 | 106 | 162/dig.2.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S493 | 29  | 131/900.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S494 | 0   | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S495 | 0   | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S496 | 0   | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S497 | 0   | 65/Dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S498 | 0   | 65/dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S499 | 0   | 131/dig1         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S500 | 0   | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S501 | 0     | 65/Dig4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S502 | 2     | "10/741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S503 | 1     | "10741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S504 | 3     | "08040729"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S505 | 12886 | (tobacco) and (ethane or propane or butane or hydrocarbon)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S506 | 8962  | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature)                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S507 | 481   | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature) and "131"/\$8. ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S508 | 9     | (tobacco) and ((ethane or propane or butane or hydrocarbon) near (pressure and temperature)) and "131"/\$8. ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S509 | 92    | (tobacco) and ((ethane or propane or butane or hydrocarbon) same (pressure and temperature)) and "131"/\$8. ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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|------|----|--------------|---|----|-----|---------------------|
| S510 | 27 | "6371127"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S511 | 1  | "1998016125" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S512 | 1  | "1998016125" | DERWENT   | OR | OFF | 2010/06/17<br>13:19 |
| S513 | 1  | "6,286,516"  | DERWENT   | OR | OFF | 2010/06/17<br>13:19 |
| S514 | 62 | "4506682"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S515 | 17 | "4727889"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S516 | 47 | "4153063"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S517 | 7  | "5119835"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S518 | 7  | "4898188"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S519 | 36 | "908185"     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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|------|-----|--|---|----|-----|---------------------|
| S520 | 2   | "0908185"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S521 | 62  | "4506682"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S522 | 19  | "2128043"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S523 | 869 | tobacco and (subcritical or supercritical)               | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S524 | 0   | tobacco and (subcritical or supercritical) and alkoloids | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S525 | 1   | tobacco and (subcritical or supercritical) and alkoloid  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S526 | 5   | tobacco and alkoloid                                     | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S527 | 355 | tobacco and pah  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S528 | 72  | tobacco and pah and "131". clas.                         | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |

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| S529 | 13    | tobacco and pah and "131". clas. and critical   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S530 | 986   | tobacco and "131".clas. and critical  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S531 | 504   | tobacco and "131".clas. and critical and temperature and pressure   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S532 | 47    | "4153063"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S533 | 8     | "4416785"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S534 | 7     | "5119835"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S535 | 15    | ("4333483").URPN.   | USPAT  | OR | OFF | 2010/06/17 13:19 |
| S536 | 5     | tobacco and alkoloid  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S537 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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|------|-----|---|--|----|-----|------------------|
| S538 | 0   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S539 | 416 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S540 | 289 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S541 | 0   | 65/dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S542 | 0   | 65/Dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S543 | 0   | 65/dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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| S544 | 0   | 65/Dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S545 | 0   | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S546 | 0   | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S547 | 0   | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S548 | 0   | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S549 | 0   | 131/dig1         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S550 | 138 | 131/291.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S551 | 142 | 131/296.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S552 | 147 | 131/298.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S553 | 29  | 131/900.ccls.  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S554 | 106 | 162/dig.2.ccls.  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S555 | 1   | "10741374"   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S556 | 2   | "10/741374"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S557 | 3   | "08040729"   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S558 | 19  | "2128043"  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S559 | 5   | tobacco and alkoloid                                     | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S560 | 1   | tobacco and (subcritical or supercritical) and alkoloid  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S561 | 0   | tobacco and (subcritical or supercritical) and alkoloids | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S562 | 72  | tobacco and pah and "131".clas.                                   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S563 | 355 | tobacco and pah   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S564 | 13  | tobacco and pah and "131".clas. and critical                      | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S565 | 869 | tobacco and (subcritical or supercritical)                        | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S566 | 986 | tobacco and "131".clas. and critical                              | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S567 | 504 | tobacco and "131".clas. and critical and temperature and pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S568 | 47  | "4153063"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S569 | 7   | "5119835"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S570 | 8   | "4416785"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |

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|------|-------|---|---|----|-----|---------------------|
| S571 | 15    | ("4333483").URPN.   | USPAT   | OR | OFF | 2010/06/17<br>13:19 |
| S572 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S573 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S574 | 5     | tobacco and alkoloid  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S575 | 416   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S576 | 289   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S577 | 142 | 131/296.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S578 | 0   | 65/dig4          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S579 | 147 | 131/298.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S580 | 138 | 131/291.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S581 | 106 | 162/dig.2.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S582 | 29  | 131/900.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S583 | 0   | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S584 | 0   | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S585 | 0   | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S586 | 0     | 65/Dig4.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S587 | 0     | 65/dig4.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S588 | 0     | 131/dig1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S589 | 0     | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S590 | 0     | 65/Dig4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S591 | 2     | "10/741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S592 | 1     | "10741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S593 | 3     | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S594 | 12886 | (tobacco) and (ethane or propane or butane or hydrocarbon) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S595 | 8962 | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature)                         | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S596 | 481  | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature) and "131"/\$8. ccls.    | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S597 | 9    | (tobacco) and ((ethane or propane or butane or hydrocarbon) near (pressure and temperature)) and "131"/ \$8.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S598 | 92   | (tobacco) and ((ethane or propane or butane or hydrocarbon) same (pressure and temperature)) and "131"/ \$8.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S599 | 27   | "6371127"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S600 | 1    | "1998016125"  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S601 | 1    | "1998016125"  | DERWENT  | OR | OFF | 2010/06/17 13:19 |
| S602 | 1    | "6,286,516"   | DERWENT  | OR | OFF | 2010/06/17 13:19 |
| S603 | 62   | "4506682"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S604 | 19   | "2128043"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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| S605 | 869 | tobacco and (subcritical or supercritical)                        | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S606 | 0   | tobacco and (subcritical or supercritical) and alkoloids          | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S607 | 1   | tobacco and (subcritical or supercritical) and alkoloid           | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S608 | 5   | tobacco and alkoloid  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S609 | 355 | tobacco and pah   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S610 | 72  | tobacco and pah and "131". clas.                                  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S611 | 13  | tobacco and pah and "131". clas. and critical                     | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S612 | 986 | tobacco and "131".clas. and critical                              | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S613 | 504 | tobacco and "131".clas. and critical and temperature and pressure | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |

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| S614 | 47    | "4153063"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S615 | 8     | "4416785"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S616 | 7     | "5119835"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S617 | 15    | ("4333483").URPN.   | USPAT   | OR | OFF | 2010/06/17<br>13:19 |
| S618 | 5     | tobacco and alkloid   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S619 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S620 | 0     | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S621 | 416 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S622 | 289 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S623 | 0   | 65/dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S624 | 0   | 65/Dig4.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S625 | 0   | 65/dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S626 | 0   | 65/Dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S627 | 0   | 131/dig904.ccls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S628 | 0   | 131/dig904      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S629 | 0   | 131/DIG1.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S630 | 0   | 131/dig1.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S631 | 0   | 131/dig1        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S632 | 138 | 131/291.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S633 | 142 | 131/296.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S634 | 147 | 131/298.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S635 | 29  | 131/900.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S636 | 106 | 162/dig.2.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S637 | 1   | "10741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S638 | 2   | "10/741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S639 | 3   | "08040729"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S640 | 19  | "2128043"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S641 | 5   | tobacco and alkloid                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S642 | 1   | tobacco and (subcritical or supercritical) and alkloid  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S643 | 0   | tobacco and (subcritical or supercritical) and alkloids | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S644 | 72  | tobacco and pah and "131". clas.                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |
| S645 | 355 | tobacco and pah   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/17<br>13:19 |

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| S646 | 13    | tobacco and pah and "131". clas. and critical   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S647 | 869   | tobacco and (subcritical or supercritical)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S648 | 986   | tobacco and "131".clas. and critical  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S649 | 504   | tobacco and "131".clas. and critical and temperature and pressure   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S650 | 47    | "4153063"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S651 | 7     | "5119835"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S652 | 8     | "4416785"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S653 | 15    | ("4333483").URPN.   | USPAT  | OR | OFF | 2010/06/17 13:19 |
| S654 | 17927 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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| S655 | 0   | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and 131/clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S656 | 5   | tobacco and alkoloid  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/06/17 13:19 |
| S657 | 416 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S658 | 289 | (anthracene or anthanthrene or (benzo adj pyrene) or coronene or fluoranthene or fluorene or naphthalene or phenanthrene or pyrene or perylene or nitrosodimethylamine or nitrosodiethylamine or nitrosopyrrolidine or nitrosodiethanolamine or nitrosonornicotine or nnn or nnk or nat or nab) and tobacco and "131".clas. and (carbon or hydrocarbon or propane or ethane or freon) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S659 | 142 | 131/296.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S660 | 0   | 65/dig4   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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| S661 | 147 | 131/298.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S662 | 138 | 131/291.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S663 | 106 | 162/dig.2.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S664 | 29  | 131/900.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S665 | 0   | 131/dig904       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S666 | 0   | 131/dig1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S667 | 0   | 131/dig904.ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S668 | 0   | 65/Dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S669 | 0   | 65/dig4.ccls.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S670 | 0     | 131/dig1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S671 | 0     | 131/DIG1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S672 | 0     | 65/Dig4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S673 | 2     | "10/741374"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S674 | 1     | "10741374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S675 | 3     | "08040729"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S676 | 12886 | (tobacco) and (ethane or propane or butane or hydrocarbon)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S677 | 8962  | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature)                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S678 | 481   | (tobacco) and (ethane or propane or butane or hydrocarbon) and (pressure and temperature) and "131"/\$8. ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

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| S679 | 9  | (tobacco) and ((ethane or propane or butane or hydrocarbon) near (pressure and temperature)) and "131"/ \$8.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S680 | 92 | (tobacco) and ((ethane or propane or butane or hydrocarbon) same (pressure and temperature)) and "131"/ \$8.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S681 | 27 | "6371127"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S682 | 1  | "1998016125"  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S683 | 1  | "1998016125"  | DERWENT  | OR | OFF | 2010/06/17 13:19 |
| S684 | 1  | "6,286,516"   | DERWENT  | OR | OFF | 2010/06/17 13:19 |
| S685 | 62 | "4506682"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S686 | 17 | "4727889"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S687 | 47 | "4153063"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |
| S688 | 7  | "5119835"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/17 13:19 |

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| S689 | 7  | "4898188" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S690 | 36 | "908185"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S691 | 2  | "0908185" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |
| S692 | 62 | "4506682" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/17<br>13:19 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query                                   | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------------|------------------|---------|------------------|
| S165  | 0    | "alkaloid.clm" and tobacco.clm.                | USPAT; UPAD | OR               | OFF     | 2010/02/15 13:09 |
| S166  | 17   | alkaloid.clm. and tobacco.clm.                 | USPAT; UPAD | OR               | OFF     | 2010/02/15 13:09 |
| S167  | 0    | alkaloid.clm. and tobacco.clm. and subcritical | USPAT; UPAD | OR               | OFF     | 2010/02/15 13:09 |
| S168  | 125  | 131/296.ccls.                                  | USPAT; UPAD | OR               | OFF     | 2010/02/15 13:41 |
| S347  | 0    | "alkaloid.clm" and tobacco.clm.                | USPAT; UPAD | OR               | OFF     | 2010/06/17 12:19 |
| S348  | 18   | alkaloid.clm. and tobacco.clm.                 | USPAT; UPAD | OR               | OFF     | 2010/06/17 12:19 |
| S349  | 0    | alkaloid.clm. and tobacco.clm. and subcritical | USPAT; UPAD | OR               | OFF     | 2010/06/17 12:19 |
| S350  | 126  | 131/296.ccls.                                  | USPAT; UPAD | OR               | OFF     | 2010/06/17 12:19 |
| S693  | 0    | "alkaloid.clm" and tobacco.clm.                | USPAT; UPAD | OR               | OFF     | 2010/06/17 13:19 |
| S694  | 18   | alkaloid.clm. and tobacco.clm.                 | USPAT; UPAD | OR               | OFF     | 2010/06/17 13:19 |
| S695  | 0    | alkaloid.clm. and tobacco.clm. and subcritical | USPAT; UPAD | OR               | OFF     | 2010/06/17 13:19 |
| S696  | 126  | 131/296.ccls.                                  | USPAT; UPAD | OR               | OFF     | 2010/06/17 13:19 |
| S697  | 0    | "alkaloid.clm" and tobacco.clm.                | USPAT; UPAD | OR               | OFF     | 2010/06/17 13:19 |
| S698  | 18   | alkaloid.clm. and tobacco.clm.                 | USPAT; UPAD | OR               | OFF     | 2010/06/17 13:19 |

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| S699 | 0   | alkaloid.clm. and tobacco.clm.<br>and subcritical | USPAT; UPAD | OR | OFF | 2010/06/17 13:19 |
| S700 | 126 | 131/296.ccls.                                     | USPAT; UPAD | OR | OFF | 2010/06/17 13:19 |

6/ 17/ 10 2:10:41 PM

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